



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Chen

: Art Unit: 3672

AN 09/833,016

: Examiner: Hoang Dang

Filed: 04/10/2001

: Atty's Docket: SC-98-25A

For: Force-Balanced Roller-Cone Bits, Systems, Drilling Methods, and  
Design Methods (conf.no.1340)

#14Suppl  
Amend C  
R  
4/25/03

**AMENDMENT COPYING CLAIMS**

Honorable Commissioner of Patents and Trademarks  
Washington, DC 20231

Sir:

Applicants are still attempting to provoke an interference. The following amendment is intended to conform the claims in the present application to copy numerous claims from US application 09/635116. (This is one of the continuation applications earlier disclosed to the Examiner.)

**RECEIVED**  
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**GROUP 3600**

04/21/2003 SMINASS1 00000106 09833016

01 FC:1201  
02 FC:1202

504.00 0P  
126.00 0P



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founded 1843

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Robert Groover III, Reg'd Patent Atty., 214-761-4410

April 14, 2003

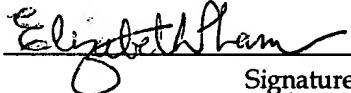
Commissioner of Patents  
Washington DC 20231

Re: Patent App'n SN  
**09/833,016** filed 04/10/2001,  
of Chen, entitled "Force-  
Balanced Roller-Cone Bits,  
Systems, Drilling Methods, and  
Design Methods" (Atty Docket No. SC-98-25 C1 (78017/24283))

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04/14/2003

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Signature

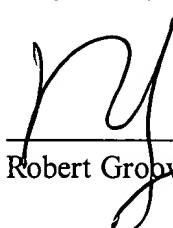
Honorable Commissioner:

Enclosed is an Amendment in connection with the U.S. Patent Application referenced  
above. The correct amount of fee is believed to be as follows. A check for this amount is  
enclosed.

### FEE CALCULATION

Number	Highest	=	Number		
After	Previously	=	Excess		Fee:
Amendment:	Paid:	=			
Independent: 9	3	=	6	@ \$84	= \$504
Total: 17	20	=	0	@ \$18	= \$ 0
Total Fee for Claims Presented herewith:					
<u>Total Fee:</u> <b>\$504</b>					

Respectfully submitted,

  
Robert Groover, Reg. No. 30,059

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